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State of California
AIR RESOURCES BOARD

EXECUTIVE ORDER A-15-114
Relating to Certification of New Motor Vehicles

NISSAN MOTOR CO., LTD.

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Orders G-45-3 and G-45-4;

IT IS ORDERED AND RESOLVED: That 1987 model-year Nissan Motor Co., Ltd. exhaust emission control systems are certified as described below for gasoline-powered light-duty trucks:

Engine Family	Displacement Cubic Inches (Liters)		Exhaust Emission Control Systems (Special Features)
HNS2.4T5HDC6	145.8	(2.4)	Exhaust Gas Recirculation Air Injection - Valve Dual Bed Catalyst Heated Oxygen Sensor (Central Fuel Injection)

Vehicle models, transmissions, engine codes and evaporative emission control families are listed on attachments.

The following are the emission standards for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per mile
0-3999	0.39	9.0	1.0
4000-5999	0.50	9.0	1.0

The following are the certification emission values for this engine family:

Equivalent Inertia Weight	Hydrocarbons Grams per Mile	Carbon Monoxide Grams per Mile	Nitrogen Oxides Grams per Mile
0-3999	0.14	3.1	0.4
4000-5999	0.13	5.2	0.5

BE IT FURTHER RESOLVED: That the listed models in the 0-3999 equivalent inertia weight class were certified to the optional NOx emission standard thereby making the vehicle manufacturer subject to Section 1960.1.5 of Title 13, California Administrative Code which includes recall liability for emission control components up to 7 years or 75,000 miles if found defective by the Executive Officer.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with "California Evaporative Emission Standards and Test Procedures for 1978 and Subsequent Model Gasoline-Powered Motor Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" (Title 13, California Administrative Code, Section 2290) for the aforementioned model-year.

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the Board's high altitude requirements and highway emission standards as stipulated in "California Exhaust Emission Standards and Test Procedures for 1981 and Subsequent Model Passenger Cars, Light-Duty Trucks, and Medium-Duty Vehicles".

BE IT FURTHER RESOLVED: That the listed vehicle models also comply with the "California Motor Vehicle Tune-Up Label Specifications" (Title 13, California Administrative Code, Section 1965) for the aforementioned model year.

BE IT FURTHER RESOLVED: That for the listed vehicles, the manufacturer has submitted and the Executive Officer hereby approves the materials to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Administrative Code, Section 2035 et seq.) and, for the listed vehicles in the 0-3999 equivalent inertia weight class, with Health and Safety Code Section 43204.

Vehicles certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachment.

Executed at El Monte, California this 11th day of August, 1986.

Bob Cross for

K. D. Drachand, Chief
Mobile Source Division

E.O. # A-15-114

1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Manufacturer NISSAN MOTOR CO., LTD.

Evaporative Family TBI-1

Engine Family HNS2.4T5HDC6

Engine Type In-line 4, OHC

Liters (CID) 2.4 Liter (145.8 CID)

ABBREVIATIONS

Ignition System

CA-Centrifugal Advance
EEC-Electronic Engine Control
EI-Electronic Ignition
ESAC-Electronic Spark Advance Control
VA-Vacuum Advance
VR-Vacuum Retard

System

CFI, CL, DID, DIP, EFI, MFI
nV-nVenturi Carburetor

Exhaust Emissions Control System

AIP-Air Injection-Pump
AIV-Air Injection-Valve
CL-Closed Loop
EGR-Exhaust Gas Recirculation
EM-Engine Modification
OC-Oxidation Catalyst System
SPL-Smoke Puff Limiter or Throttle Delay
TOC-Trap Oxidizer, Continual
TOP-Trap Oxidizer, Periodical
TR-Thermal Reactor
TWC-Three-Way Catalyst System
ECC-Electronic Control Carburetor
ECCS-Electronic Concentrated Control System

Special Features

CCV-Combustion Chamber Valve
CFI-Central Fuel Injection
DID-Diesel Injection-Direct
DIP-Diesel Injection-Prechamber
EFI-Electronic Fuel Injection
IC-Intercooler or aftercooler
MFI-Mechanical Fuel Injection
TC-Turbocharger

VEHICLE MODELS:

Engine Code	Model	Transmission
AZ24ICM2, BZ24ICM2	NISSAN REGULAR BED NISSAN LONG BED NISSAN KING CAB	5-speed Manual
AZ24ICM3, BZ24ICM3	NISSAN REGULAR BED 4x4 NISSAN LONG BED 4x4 NISSAN KING CAB 4x4	5-speed Manual
AZ24ICA2, BZ24ICA2	NISSAN REGULAR BED NISSAN LONG BED NISSAN KING CAB	Automatic

Engine: Front X Mid. ____ Rear ____

Drive: FWD ____ RWD X 4WD Full Time ____ 4WD Part Time X (AZ24ICM3, BZ24ICM3)

Issue Date :

Revision Date :

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1987 AIR RESOURCES BOARD SUPPLEMENTAL DATA SHEET

Passenger Cars ____ Light-Duty Trucks __X__ Medium-Duty Vehicles ____ Gas __X__ Diesel ____

Manufacturer NISSAN MOTOR CO., LTD. Engine Family HNS2.4T5HDC6

Liter (CID) 2.4 Liter (145.8 CID) Eng. Type In-line 4, OHC

Emission Control Sys. (Special Features) TBI/EGR/AIV/TWC+OC/CL/2PLUG

Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalyst Part No.
AZ24ICM2	STANDARD REGULAR BED(13.5) E REGULAR BED (11.7)	M5	3125	Distributor: D4P84-04 (HITACHI) TOT80671 (MITSUBISHI) Control Unit: MECS-G120	Control Unit: MECS-G120 Injection Body Assembly: RGA50-21	BPT Valve: ATI75-15 EGR Valve: AEY76-88	20802 01G00 20802 01G05
	E LONG BED(12.2) XE LONG BED (12.2) E KING CAB(10.9)		3250				
	XE KING CAB (10.9)		3375				
BZ24ICM2	STANDARD REGULAR BED(13.5) E REGULAR BED (11.7) E LONG BED (12.2) XE LONG BED (12.2)		3125				
	E KING CAB(10.9) XE KING CAB (10.9)		3250				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

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AZ24ICA2	STANDARD REGULAR BED(13.5)	L4	3125	Distributor: D4P84-04 (HITACHI) TOT80671 (MITSUBISHI) Control Unit: MECS-G130	Control Unit: MECS-G130 Injection Body Assembly: RGA50-22	BPT Valve: ATI75-15 EGR Valve: AEY76-88	20802 01G00 20802 01G05
	E REGULAR BED (11.7) E LONG BED(12.2) XE LONG BED (12.2) E KING CAB(10.9)		3250				
	XE KING CAB (10.9)		3375				
BZ24ICA2	STANDARD REGULAR BED(13.5) E REGULAR BED (11.7)		3125				
	E LONG BED(12.2) XE LONG BED (12.2) E KING CAB(10.9) XE KING CAB (10.9)		3250				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

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Engine Code	Vehicle Models (If Coded see attachment) (Dyno Hp)	Trans. Type	Equiv. Test Weight	Ign. System (ECU) Part No.	Fuel System Part No.	EGR Valve Part No.	Catalyst Part No.
AZ24ICM3	E REGULAR BED 4x4 (16.0) XE LONG BED 4x4 (16.0)	M5 (4WD)	3750	Distributor: D4P84-04 (HITACHI) TOT80671 (MITSUBISHI) Control Unit: MECS-G120	Control Unit: MECS-G120 Injection Body Assembly: RGA50-21	BPT Valve: ATI75-15 EGR Valve: AEY76-88	20802 01G00 20802 01G05
	XE KING CAB 4x4 (16.0)		3875 *				
BZ24ICM3	E REGULAR BED 4x4 (14.5)		3625				
	XE LONG BED 4x4 (14.5)		3750				
	XE KING CAB 4x4(14.5)		3875 *				

Comments: See page one for abbreviations and evaporative emission family identification. Please refer to manufacturer's HP list for correct dyno test HP settings based on model and equipment. If two test weights are listed, the lower weight will be used for testing.

* EIW of these models are between 4000 - 5999 lbs.

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